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Columbia University
Bulletin of Information
EXTENSION TEACHING

# ADVANCED COURSES IN DENTISTRY FOR PRACTITIONERS

35 WEST 39TH STREET
NEW YORK CITY

## ANNOUNCEMENT
1918-1919

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1. Annual Reports of the President and Treasurer to the Trustees.

2. The Catalogue of the University, price twenty-five cents, and the Announcements of the several Colleges and Schools, and of certain Divisions, issued in the Spring, and relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of any of these Announcements will be sent without charge upon application to the Secretary of the University.

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**Although the specific courses announced in this bulletin may be changed because of war conditions, the educational opportunities will remain substantially as herein stated.**

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## GENERAL STATEMENT

War conditions necessitate a number of changes in the plan of instruction of the Advanced Courses in Dentistry for Practitioners to be given during the 1918–1919 session. It is expected that practitioners generally will be unable in the near future at any rate, to devote the time required for attendance in prolonged courses of instruction similar to those conducted during the past year. Hence the number of extended courses have been reduced and the number of short intensive courses increased for the coming term.

The schedule of instruction provides for several part-time courses, extending over varying periods for the benefit of practitioners residing in New York and vicinity, and two periods of short, intensive courses intended for practitioners residing at a distance, but which local practitioners will also find convenient to attend.

As far as is known at this time, no change is anticipated in the schedule of extended part-time courses, described on pages 4 and 5. Changes in the schedules of the two periods of intensive courses, described on pages 6 and 7, may be anticipated. A more detailed and definite description of these courses will be given in the supplement to be issued on January 15.

Other courses will be added as conditions permit and supplements giving detailed information will be issued.

### Admission and Registration

Admission to the various courses of instruction is limited to reputable dentists who present evidence of legal authority to practice dentistry.

Applicants for admission to any of the courses will be furnished with blanks on which they will give such information as to qualifications, etc., that may be required. This form, with the entire tuition fee or an advance payment of at least 25 per cent. for each course the applicant desires to enter, is to be forwarded to Columbia University at 35 West 39th Street, New York City.

All applications for admission must receive the approval of the Administrative Staff. After such approval the applicant will be assigned to a place in the class or classes and notified; otherwise the tuition fee or advance payment will be returned.

Practitioners residing in New York City or vicinity will be required to appear in person to complete details of registration. Those residing at a distance may do so upon their arrival, prior to the beginning of the course or courses. Membership in the various classes is limited, and assignment of places in any class or classes will be made in the order in which applications and tuition fees are received.

## PROGRAM OF INSTRUCTION

*Part-Time Extended Courses*

### Oral Surgery

These courses, which must of necessity be extended over a considerable period of time, include practical instruction in local (infiltration and conductive) and general (nitrous oxid and oxygen) anesthesia, extraction of impacted and unerupted teeth, root amputations, tumors, including cysts, fractures, lesions of the soft tissues, clinical mouth surgery, focal infections and their relation to systemic diseases, and such other oral surgery cases as may present.

Practitioners who attend these courses will administer anesthetics, extract teeth, and witness and assist in the various cases that present for operation.

The practical instruction will be supplemented by a series of lectures and studies in anatomy, pathology, physical diagnosis, and allied subjects.

Instructors: Drs. DUNNING, HARRIS, SCHAMBERG, ZENTLER and assistants.

(Dr. Schamberg is substituting for Dr. Dunning during the latter's absence on military duty.)

**Course OS-12—Oral Surgery** (3 days weekly).
12 weeks, 9:30 a. m.–12 m., alternate days. 40 points. Fee $240.
Lecture hours will be announced at the beginning of the course.
Section M will attend on Mondays, Wednesdays, and Fridays.
Section T will attend on Tuesdays, Thursdays, and Saturdays.
In making application for admission, specify the section preferred.
These courses will begin during the weeks of January 27 and April 21.

**Course OS-6—Oral Surgery** (6 days weekly).
6 weeks, 9:30 a. m.–12 m. daily. 40 points. Fee $240.
Lecture hours will be announced at the beginning of the course.
These courses will begin on January 27, March 10, April 21, and June 2.

### Bacteriology

This course will include lectures and practical laboratory work in general and dental bacteriology. The lectures will include such subjects as sterilization of instruments and apparatus, preparation of culture media; infection and immunity; bacteria, their growth, characteristics, and their pathogenistity; preparation of anti-toxins and vaccines.

The laboratory work will consist of microscopic technic, preparation of culture media, methods of obtaining pure cultures, identification of bacteria by hanging drop, staining methods, and growth on different media, making of smears and cover-glass preparations.

Instructors: Drs. DWYER and SCHIRMER.

**Course B—Bacteriology** (10 weeks). Tuesdays, 7:30–10 p. m.
Practical laboratory work, lectures, and demonstrations.
10–12 weeks, 2–2½ hours weekly. 8 points. Fee $48.
The course will begin March 11.

## Anesthesia

In addition to the courses in oral surgery, in which there is included instruction in anesthesia, there are given also independent courses in anesthesia, both part and full time. The instruction in local anesthesia includes its application in operative dentistry as well as in oral surgery, thus enabling the student to employ it in the removal of pulps and dental operations in general. Practitioners who attend these courses will, in addition to receiving practical instruction in the administration of anesthetics and extraction of teeth, have frequent opportunity to witness various oral surgery operations.

Instructors: Drs. DUNNING, HARRIS, SCHAMBERG, ZENTLER and assistants.

**Course A-4—Anesthesia** (3 days weekly).

Includes local (infiltration and conductive) and general (nitrous oxid and oxygen) anesthesia.

Practical work in the clinic, lectures, and demonstrations.

4 weeks, 3 days weekly, 2–5 p. m. 12 points. Fee $72.

Section M will attend on Mondays, Wednesdays, and Fridays.

Section T will attend on Tuesdays, Thursdays, and Saturdays.

In making application for admission, specify the section preferred.

These courses will begin during the weeks of January 6, January 27, March 24, April 21, May 19, and June 30.

**Course A-2—Anesthesia** (6 days weekly).

Includes local (infiltration and conductive) and general (nitrous oxid and oxygen) anesthesia.

Practical work in the clinic, lectures, and demonstrations

2 weeks, 2–5 p. m. daily. 12 points. Fee $72.

These courses are identical with the anesthesia courses A–4, except that they require daily attendance for a shorter period, 2 weeks.

These courses will begin on January 6, January 27, February 10, March 10, April 21, May 5, May 19, June 2, June 30, and July 14.

## Periodontia

This course will include practical instruction in the treatment of periodontoclasia (pyorrhea alveolaris, suppurative gingivitis, etc.) and infections which have their inception in the sub-gingival space.

Lectures will be given on the various phases of preventive dentistry, including those methods in operative dentistry which induce pathologic conditions; oral hygiene, its scope and advantages; traumatic occlusion, its influence and relation to periclasia; the management of cases and the various prophylactic methods as applied to treatment.

Clinical instruction will be given in surgical instrumentation. Each member of the class will be required to treat cases under the supervision of the instructors.

Instructors: Dr. STILLMAN and assistants.

**Course P—Periodontia** (7–8 weeks). Wednesday, 5–7 p. m.

Practical infirmary work, lectures, and demonstrations.

7 weeks, 2–3 hours weekly. 8 points. Fee $48.

Lecture hours will be announced at the beginning of each course.

These courses will begin on January 15 and Aprii 2.

## SCHEDULE OF INTENSIVE COURSES

| FIRST PERIOD | SUBJECTS, HOURS, FEES, AND INSTRUCTORS | SECOND PERIOD |
|---|---|---|
| FIRST WEEK<br>Begins Monday Jan. 27, 5–6 days | **Root Canal Technic.** 10-12 a.m. and 1-3 p.m.<br>Includes study and diagnosis of normal and pathologic pulp conditions, removal of pulps, filling of canals, ionization, etc.<br>Fee $48. Drs. Best and Scherer.<br>**Dental Radiology.** 4–6 p. m.<br>Includes study of apparatus, technic of making exposures, development finishing and interpretation of radiodontic films, with special reference to root canal technic.<br>Fee $36. Drs. Van Woert and Waugh. | FIRST WEEK<br>Begins Monday May 19, 5–6 days |
| SECOND WEEK<br>Begins Monday Feb. 3, 5–6 days | **Dental Ceramics.** 10 a. m.–1 p. m.<br>Includes operative and laboratory technic for construction of porcelain jacket crowns, restorations and inlays, remodeling and staining of teeth, etc.<br>Fee $36. Dr. Thompson and assistants.<br>**Cast Gold Inlays.** 3–6 p. m.<br>Includes cavity preparation; making of wax patterns by direct and indirect method; technic of casting, cementation and finishing.<br>Fee $36. Drs. Gillett, Thompson, and Mr. Weinstein. | SECOND WEEK<br>Begins Monday May 26, 5–6 days |
| THIRD WEEK<br>Begins Monday, Feb. 10, 5–6 days | **Crown and Bridgework.** 10 a. m.–1 p. m. and 3–6 p. m.<br>Includes operative and laboratory technic of abutment preparation and construction of fixed and removable bridges, casting technic, metallurgy, etc.<br>Fee $60. Drs. Orton, Peeso, and Mr. Weinstein. | THIRD WEEK<br>Begins Monday, June 2, 5–6 days |
| FOURTH WEEK<br>Begins | **Plate Prosthesis.** 10 a. m.–1 p. m. and 3–6 p. m.<br>Includes modeling compound and plaster impressions, anatomic articulation, and construction of full and partial dentures.<br>Fee $60. Drs. Giffen, House, and Cummer or Roach, and Mr. Weinstein. | FOURTH WEEK<br>Begins Monday, June 9, 5–6 days |

## SCHEDULE OF INTENSIVE COURSES (*Continued*)

| FIRST PERIOD | SUBJECTS, HOURS, FEES, AND INSTRUCTORS | SECOND PERIOD |
|---|---|---|
| FIFTH WEEK<br>——<br>Begins Monday, Feb. 24, 5–6 days | **Exodontia.** 10–12 a. m. and 2–4 p. m.<br>Includes removal of impacted and unerupted teeth and general exodontia under nitrous oxid and oxygen anesthesia, also special instruction in radiology.<br>Fee $72. Dr. WINTER and assistants.<br>**Periodontia.** 5–7 p. m.<br>Includes practical treatment of periodontoclasia (pyorrhea alveolaris), traumatic occlusion, and preventive dentistry.<br>Fee $48. Drs. MCCALL and STILLMAN. | FIFTH WEEK<br>——<br>Begins Monday, June 16 5–6 days |
| SIXTH WEEK<br>——<br>Begins Monday, March 3, 5–6 days | **Anesthesia.** 10–12 a. m. and 4–6 p. m.<br>Includes practical instruction in local (infiltration and conductive) and general (nitrous oxid and oxygen) anesthesia.<br>Fee $72. Instructors to be announced Jan. 15.<br>**Minor Oral Surgery.** 1–3 p. m.<br>Includes operations for advanced cases of suppurative gingivitis (pyorrhea) apicoectomy, alveoletomy, etc.<br>Fee $48. Drs. SCHAMBERG, SILVERMAN, and ZENTLER. | SIXTH WEEK<br>——<br>Begins Monday, June 23, 5–6 days |

The instructors are expected to appear as scheduled, as well as others who will be announced. Those who may be prevented by war conditions will be replaced by others on the staff.

The schedule is subject to such changes as conditions may make necessary. The hours stated for attendance are minimum and will be increased if found necessary. The supplement giving a detailed description of the courses will be issued on January 15.

A special tuition fee has been established for the benefit of those who register in advance for three or more of the courses in one period. The difference between the specified fee for each course and the special fee for several courses in combination is variable, depending upon the number of courses taken. Applicants for admission may make the necessary arrangements at the time of completing their registration.

### Residence Halls

Non-resident students may arrange for accommodations in the University dormitories at 116th Street during their term of attendance. The rates are very reasonable. For particulars, apply to the Superintendent of Buildings and Grounds, Columbia University.

## Other Courses

In addition to the courses scheduled on pages 4, 5, 6, and 7 there will also be given, beginning in January, a combined course in operative and prosthetic dentistry which will be extended over a considerable period of time. This course will consist of practical instruction and infirmary and laboratory work in root canal technic, crown and bridgework, cast inlay work, plate prosthesis, etc.

There will also be given courses in radiology covering a wider field than the two intensive courses scheduled on page 6. Detailed description of all the added courses will appear in the supplement to be issued on January 15.

## Fees

All fees for tuition are payable in advance, and checks or money orders should be made payable to Columbia University.

The acceptance of a part or the entire tuition fee does not obligate the University to admit the applicant. Any such sums paid are returnable in the event the number of applications exceeds the capacity of any class, or if the applicant is rejected for other reasons. The University reserves also the right to return the *pro rata* part of the fee paid for tuition in any course to any student who may at any time be deemed not fitted to continue.

After admission to any course, no return of fees, either in part or in full, will be made to persons who may decide for any reason to withdraw. Exception to this rule may be made in the case of those who, because of serious personal illness, certified to by a physician of reputable standing, are obliged to withdraw entirely from the course, or courses. In considering such applications, the student will be regarded as having withdrawn upon the date on which the Registrar receives from him his written notice of a withdrawal, and any refund will be reckoned from that date.

## Certificates

Certified statements signed by the Registrar will be issued at the close of the academic year to those who have completed courses of clinical and didactic instruction in a manner satisfactory to the teaching staff; those attending only courses of lecture and demonstrative instruction may receive a statement of attendance.

## Infirmary

The infirmary, conducted in connection with the Advanced Courses in Dentistry, treats only patients unable to pay for the services of a dental practitioner.

Patients will be accepted from clinics, dispensaries, hospitals, and charitable institutions. Practitioners in general are also urged to refer deserving cases, and those who take courses will be permitted to utilize their own patients whenever the cases presented meet with the approval of the instructors in the respective departments.

There will be no charge for services to patients treated in the infirmary except a nominal fee to cover the cost of materials, or when prosthetic restorations are to be made.

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All applications for admission to the Advanced Courses, requests for information, and appointments for personal interviews should be addressed to Columbia University, at 35 West 39th Street, New York City. (Tel. Vanderbilt 3347.)

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